I claim:

1. A bulk material cover, which comprises:

(a) about 30 to about 70 weight percent liquid;

(b) about 5 to about 60 weight percent cementitious material;

(c) about 0.1 to 5% water-dispersible polymer;

(d) up to about 60 weight percent inert filler; and

(e) up to about 20 weight percent fiber, wherein the indicated weight percents are based on total weight of the material.

2. The cover according to claim 1, wherein the liquid is selected from the group consisting of landfill leachate, water and wastewater.

3. The cover according to claim 1, wherein the cementitious material is selected from the group consisting of portland cement, blended cement, masonry cement, calcium aluminate, slag cement, alkali-activated slag cement, coal fly ash, cement kiln dust, calcined gypsum, and any mixture thereof.

4. The cover according to claim 1 wherein the water-dispersible polymer is selected from the group consisting of acrylics, alkyd resins, epoxy resins, polyesters, amino resins, acrylic-modified water-soluble alkyds, silicon-modified alkyd, polyester, and any mixture thereof.

5. The cover according to claim 1 wherein the water-dispersible polymer is a water redispersible polymer selected from the group consisting of vinylacetate homopolymers, vinylacetate/Vinyl-Versatate copolymers and vinylacetate/ethylene copolymers.

6. The cover according to claim 1 wherein the water-dispersible polymer is selected from the group consisting of water-based paint and paint sludge.

7. The cover according to claim 1 wherein the powder filler is selected from the group consisting of coal fly ash, clay, ground recycled glass, shredded construction debris, demolition debris, sand, crushed stone dust, and any mixture thereof.

8. The cover according to claim 1, wherein the fiber is selected from the group consisting of shredded paper, shredded wood, polyethylene terephthalate, chopped straw, hay, and any mixture thereof.

9. The cover of claim 1 containing up to about 3% thickening agent.

10. The cover according to claim 9, wherein the thickening agent is selected from the group consisting of methyl cellulose, methyl hydroxypropyl cellulose, hydroxyethyl cellulose, and hydroxypropyl cellulose, and mixtures thereof.

11. The cover of claim 1 containing up to about 3% pigment.

12. The cover of claim 1 containing a chemical odor control additive.

13. A method of spray applying a cover for bulk material, comprising:

forming a pumpable slurry comprising:

(a) about 30 to about 70 weight percent liquid;

(b) about 5 to about 60 weight percent cementitious material;

(c) about 0.1 to 5% water-dispersible polymers;

(d) up to about 60 weight percent inert filler; and

(e) up to about 20 weight percent fiber, wherein the indicated weight percents are based on total weight of the material;

conveying said pumpable slurry to a spray applicator; and spraying said slurry over said bulk material.

14. The method of claim 13, wherein said slurry further comprises a thickening agent.

15. The method according to claim 14, wherein the thickening agent is selected from the group consisting of methyl cellulose, methyl hydroxypropyl cellulose, hydroxyethyl cellulose, and hydroxypropyl cellulose, and mixtures thereof.

16. The method of claim 13, wherein said slurry further comprises a pigment.

17. The method of claim 13, wherein said slurry further comprises a chemical odor control additive.

18. A dry mixture adapted to be spray applied to bulk material, said dry mixture comprising a cementitious material and a filler, said dry composition, when mixed with a liquid including latex, providing a pumpable slurry capable of spray application to bulk material and which, after spray application is adherent to said bulk material in the slurried state and after setting.

19. The dry mixture of claim 18, wherein said dry mixture further comprises a thickening agent.

20. The dry mixture according to claim 19, wherein the thickening agent is selected from the group consisting of methyl cellulose, methyl hydroxypropyl cellulose, hydroxyethyl cellulose, and hydroxypropyl cellulose, and mixtures thereof.

21. The dry mixture of claim 18, wherein said dry mixture further comprises a pigment.

22. The dry mixture of claim 18, wherein said dry mixture further comprises a chemical odor control additive.

23. The dry mixture of claim 18, wherein said dry mixture further comprises fiber.

24. A dry mixture adapted to be spray applied to bulk material, said dry mixture comprising a cementitious material, a redispersible polymer and a filler, said dry composition, when mixed with liquid, providing a pumpable slurry capable of spray application to bulk material

and which, after spray application is adherent to said bulk material in the slurried state and after setting.

25. The dry mixture of claim 24, wherein said dry mixture further comprises a thickening agent.
26. The dry mixture according to claim 25, wherein the thickening agent is selected from the group consisting of methyl cellulose, methyl hydroxypropyl cellulose, hydroxyethyl cellulose, and hydroxypropyl cellulose, and mixtures thereof.
27. The dry mixture of claim 24, wherein said dry mixture further comprises a pigment.
28. The dry mixture of claim 24, wherein said dry mixture further comprises a chemical odor control additive.
29. The dry mixture of claim 24, wherein said dry mixture further comprises fiber.